A 0.0
Containerizing an App:-
Docker is all about taking applications & running them in
Containers Containers
all about making apps simple to) build, ship & run.
build, ship & run.
(Fixes to be a second of the s
ode & dependencies Oreate a docker file that Create a docker file that Create a docker file that describes your app, deps 4 how to run it.
Morkflow
Sur Container Ship the ship the image into docker image into docker image
image But to service
Dockerfile: - Starting point for creating a container image.
build context: Directory Containing application & dependencies. Common practice to keep Occeptile in root.

Example Dockerfile:-
LABEL maintainer = "Suhas gumma"
RUN apk add-update nodejs nodejs-npm
WORKDIR ISTE
RUN npm install "with finds illied
ENTRY POINT ["mode", "./app.js"]
* docker image build command parses dockerfile one
line at a time.
*All non-comment lines of Dockerfile are instructions.
x Some instructions create new layers 4 others just and mort
metadata to image config files.
* View instructions why dockers image history
Containing application & dependences.
Multi-Stage Builds nommas

Best Practices :-

Leverage the build cache:

* Docker stores the layers in cache & check at the time of build, if the layer is already built.

* But, if the first layer is not in cache, it will

* That is why you build the first layer which is more not check for next layers likely to be found in cache. (If possible)

Squash the image into single layer when it is (ideal)

FROM instruction -> Base image for the new Image RUN instruction -> Run commands inside the image, creates a new layer.

COPY instruction -> COPY creates a new for layer.

-> documents the network port that EXPOSE application uses

-> default application to run when the image started as a container. ENTRYPOINT